Program Description

Missions Supported:

- Assists war fighter to rapidly identify unit equipment and personnel necessary to support Combatant Commander requirements and produce documentation for movement in the transportation system
- Passes movement requirements to USTRANSCOM and components to order strategic transportation
- Passes movement information to the Global Transportation Network to provide Combatant Commanders with in-transit visibility
- Supports day-to-day traffic management functions at the installation/traffic management office
- Supports in-theater distribution and transportation movement control

PM, Transportation Information Systems Programs

Joint Migration Systems

TC-AIMS II
(ACAT IAM)
Transportation Coordinators' - Automated Information for Movements System II

AALPS
(ACAT IV)
Automated Airload Planning System

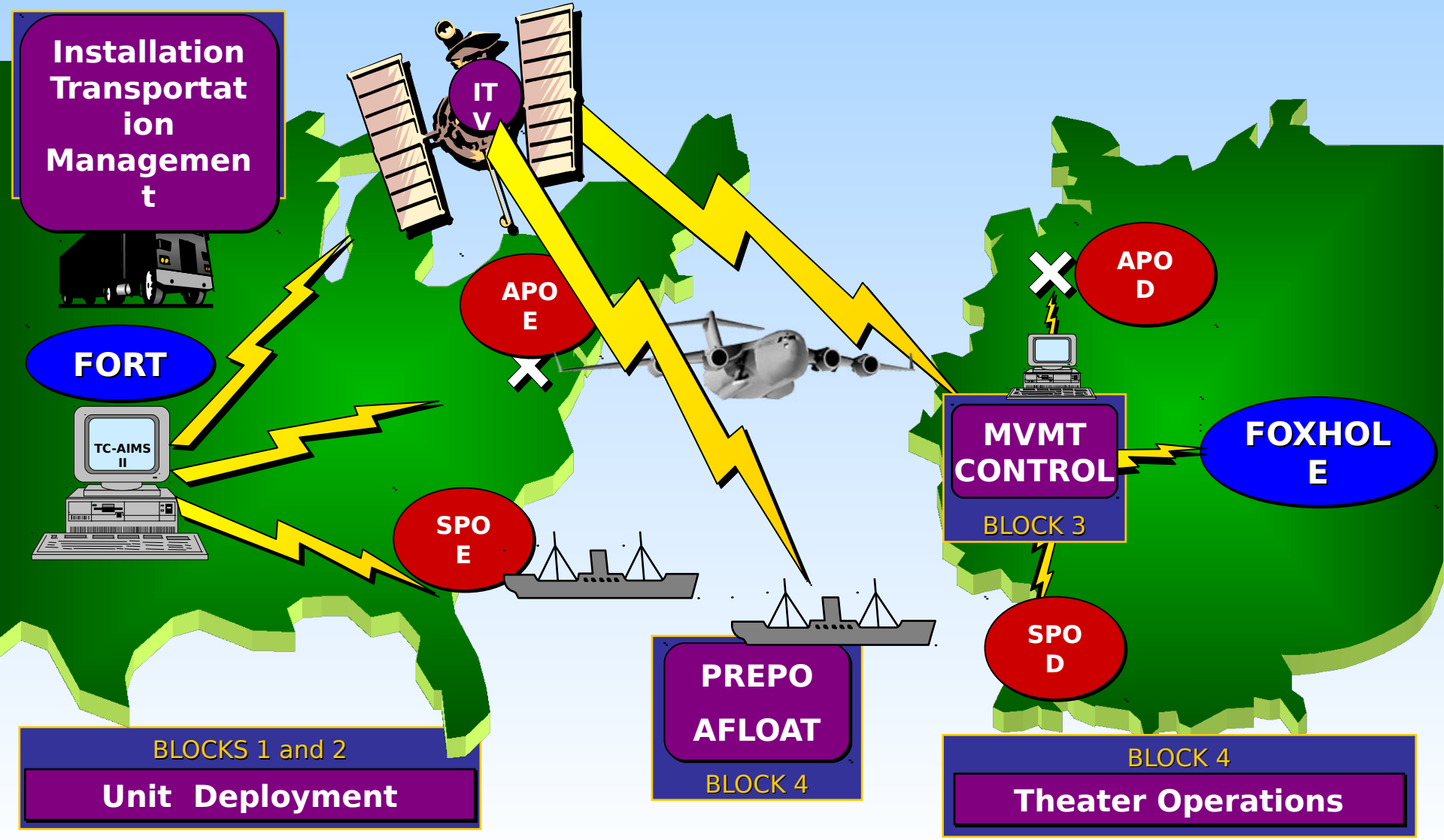
Army Legacy Systems

TC ACCIS
Transportation Coordinators Automated Command and Control Information System

TIS-TO
Transportation Information System-
Theater Operations
(Web-based version of DAMMS-R)

DAMMS-R
Department of the Army Movement Management System-Redesign

TC-AIMS II JROC-Approved Operational Requirements



TC-AIMS II Functional Composition

PEO EIS
PEO Enterprise Information Systems

SUPPORT UNIT PLANNING

- Maintain equipment list
- Maintain personnel list
- Build unit deployment list
- Create movement plans
- Create convoy plan

PREPARE FOR MOVEMENT

- Label shipment unit
- Document hazardous cargo
- Containerize/palletize cargo
- Schedule movement

EXECUTE MOVEMENT

- Print movement documents
- Transmit ITV data
- Incheck arriving cargo
- Incheck arriving PAX
- Discrepancy reporting

INTERFACES

Unit Personnel | Load Planning | Transportation | Material Management | Planning | Visibility | Unit Assets

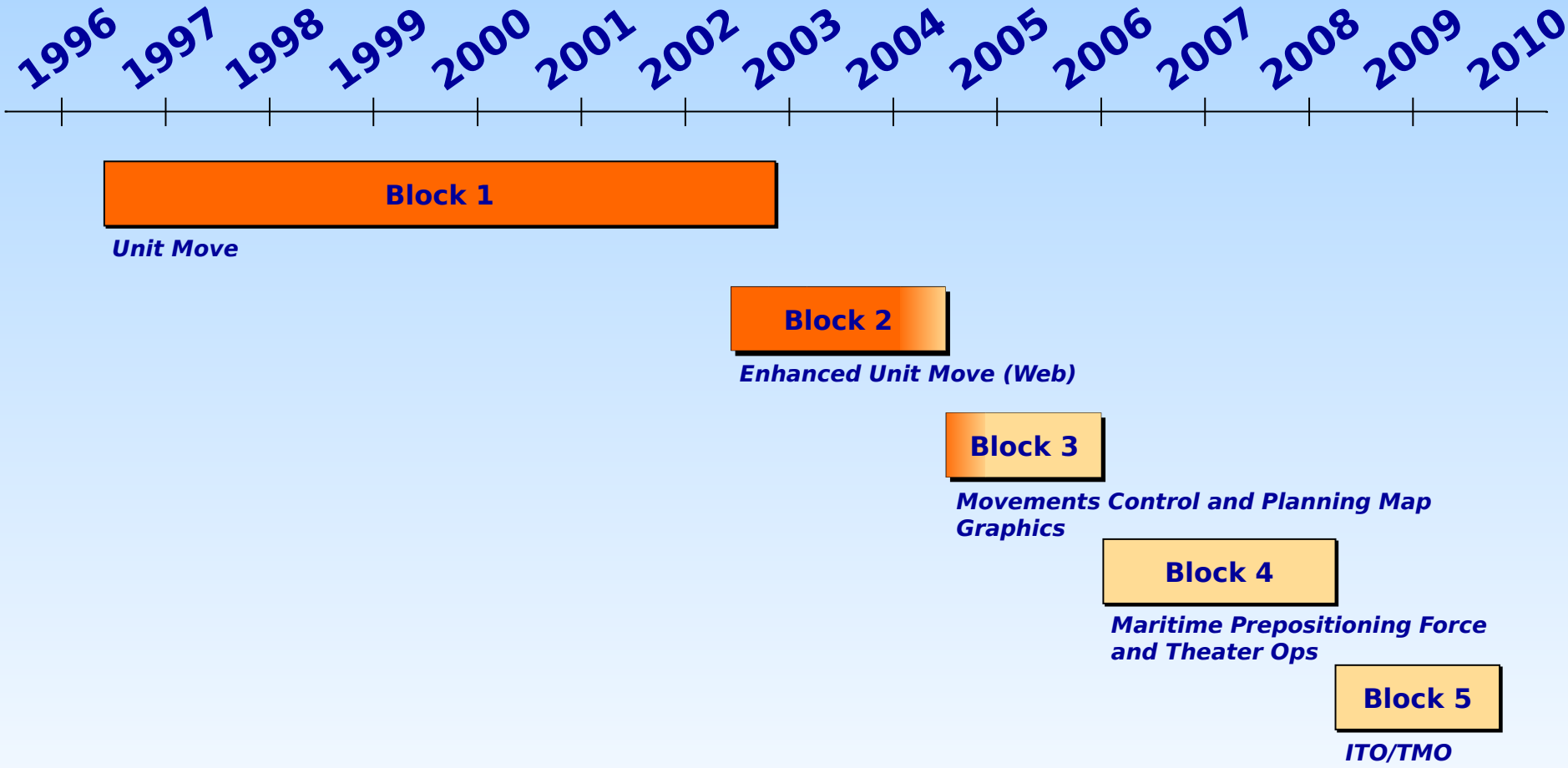
AIT

Linear Bar Code | Optical Memory Car | RFID | 2 Dimensional Bar Code | CAC Cards

JDL

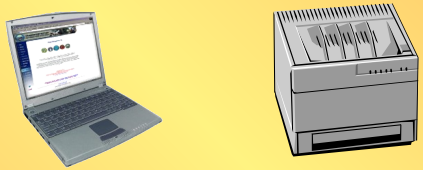
MILSTAMP | Hazardous Cargo | Equipment Characteristics | Location

TC-AIMS II Acquisition Structure
(Funded Across POM)



TC-AIMS II Equipment

Work Station



C27435 AN/TYQ-129(V)2
(TC-AIMS II Work Station)

- Intel CPU based COTS laptop
- Windows 2000 operating system
- 16 ppm laser printer

Interrogator Set

Z52950 AN/TYQ-95
(Interrogator Set)

- Handheld interrogator/scanner
- RF interrogator
- Bar code printers
- Portable bar code printers

Server

OR

C27367 AN/TYQ-129(V) 1
(TC-AIMS II Server)

- Intel CPU based COTS

TC-AIMS II Typical Unit Move Hardware Distribution

Interrogator Set
Z52950 AN/TYQ-95

Work Station
C27435 AN/TYQ-129(V)2

Server
C27367 AN/TYQ-129(V) 1

Label Printers
(Desktop and Portable)

RF Interrogator

Laser Printer w/ each Workstation

8146 Portable Data Terminal

TC-AIMS II Workstation
(with Laser Printer)

TC-AIMS II Server
(Transportation and Logistics Units only)

Separate Company

Company HQ

w/Printer

Battalion Level

S-3

w/Printer

S-4

w/Printer

Brigade Level and Higher

S-3

w/Printer

S-4

w/Printer

HHC

w/Printer

Hardware: AIT

Zebra Z-4000 Desktop Label Printer

Zebra PT-400 Portable Label Printer

Zebra Z-4M Desktop Label Printer

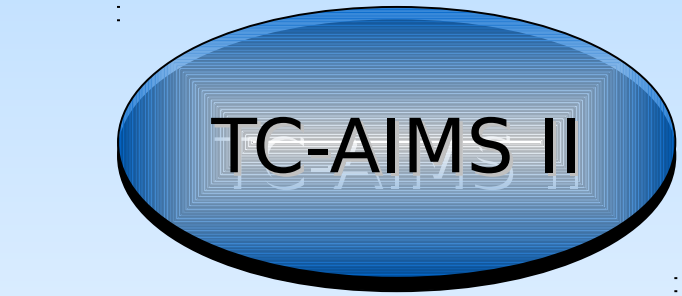
Savi Tag Docking Station

Symbol Portable Data Terminal 8146 (47 key)

Savi 410R Hand Held Interrogator/Scanner

Savi Fixed Interrogator

Block 2 TC-AIMS II Interfaces



MANAGEMENT
- GTN (J)
- ITV Server (A)

LOAD PLANNING
- AALPS (J)
- CAEMS (MC)
- CALM (J)
- ICODES (J)

MATERIAL MANAGEMENT
- ATLASS (MC)
- ROLMS (MC)

UNIT ASSETS
- LOGMOD (AF)
- MDSS II (MC)
- NCFMIS (N)

TRANSPORTATION
- GATES (J)
- CMOS (J)
- IBS (J)
- GFM-HOST (J)
- PowerTrack (J)
- TC ACCIS (A)
- WPS (J)

UNIT PERSONNEL
- eMILPO (A)
- ITAPDB (A)
- MANPER-B (AF)
- SIDPERS III (A)
- UD/MIPS (MC)

PLANNING
- COMPASS (A)
- JFRG II (J)
- MAGTF II (MC)
- SAAM (J)

Enterprise Management System Overview

EMS Purpose

- Provides a single-point-of-management for the distributed enterprise system
- Provides centralized monitoring, automatic problem resolution, and proactive real-time system monitoring
- Provides server, operating system, and application monitoring
- Provides the capability to maintain the environment in a high state of readiness
- Provides event management, alerting, reporting, and trend analysis, which improves system and application availability and performance

For More Information
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https://www.tis.army.mil